

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

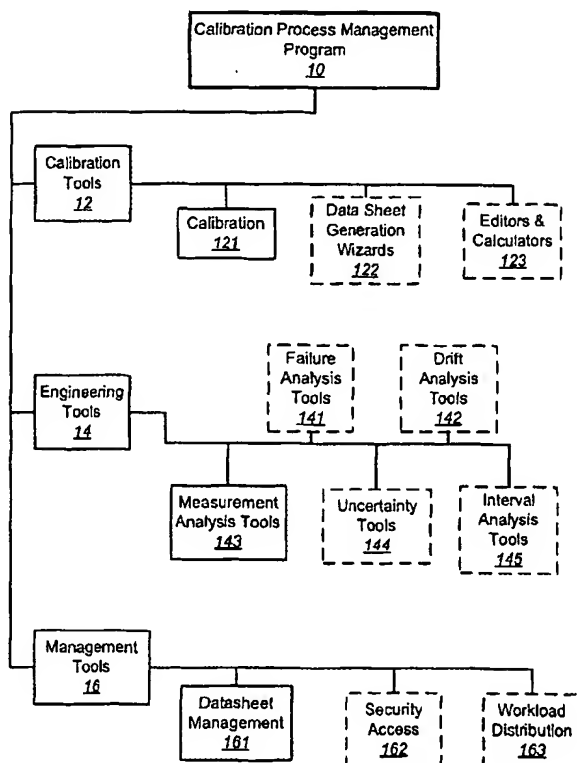
PCT

(10) International Publication Number
WO 2004/025415 A2

- (51) International Patent Classification⁷: G06F (71) Applicants and
(72) Inventors: CASTO, Curtis, V. [US/US]; 15555 Huntington Village Lane #110, Huntington Beach, CA 92647 (US). SULLIVAN, Kevin, C. [US/US]; 2129 West Hiawatha Avenue, Anaheim, CA 92804 (US). NIELSEN, Laurence, E. [US/US]; 3368 Via Loma Vista, Escondido, CA 92029 (US).
- (21) International Application Number: PCT/US2003/028749
- (22) International Filing Date: 11 September 2003 (11.09.2003)
- (25) Filing Language: English (74) Agents: ROSE, Robert, J. et al.; Sheldon & Mak PC, 225 S. Lake Ave., 9th Floor, Pasadena, CA 91101 (US).
- (26) Publication Language: English
- (30) Priority Data: 60/410,678 13 September 2002 (13.09.2002) US (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (71) Applicant (*for all designated States except US*): SOUTHERN CALIFORNIA EDISON COMPANY [US/US]; 2244 Walnut Grove Avenue, P.O. Box 800, Rosemead, CA 91770 (US).

[Continued on next page]

(54) Title: CALIBRATION PROCESS MANAGEMENT SYSTEM AND METHOD



(57) Abstract: A method for calibration process management of a calibration testing unit and a plurality of units under test, comprising configuring a user interface in communication with a calibration process management software system, configuring a communications link in communication with the software system, the software system capable of communicating with the calibration testing unit and the plurality of units under test, wherein the software system manages the user interface and the communications link in a manner permitting an operator to calibrate the plurality of units under test. Tracking of the calibrated units under test uses a permanent unique identifier and a dynamic unique identifier.



(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28749

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : G01N 37/00; G01D 21/00; G01L 25/00		
US CL : 702/81,84,85,105; 700/83		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. :		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ¹ None		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) None		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,918,191 (PATEL) 29 June 1999 (29.06.1999), see entire document.	1-17
X		1-17
A	US 5,784,945 (KRONE et al) 28 July 1998 (28.07.1998), see entire document.	1-17
A	US 6,330,517 B1 (DOBROWSKI et al.) 11 December 2001 (11.12.2001), see entire document.	1-17
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 03 March 2004 (03.03.2004)		Date of mailing of the international search report 13 MAY 2004
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer John Barlow Telephone No. (703) 308-1782